

Data File : VV011577.D
Acq On : 18 Jun 2019 15:59
Operator : SY/MD
Sample : K3289-14
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCL1

Quant Time: Jun 19 02:12:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 02:08:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	161614	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144961	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55556	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54886	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.56	69	37161	4.80	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.12	63	84255	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.94	46	164988	48.05	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.10%
24) Chloroform-d	4.40	84	115185	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.08	65	66277	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.09	84	226137	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.12	67	72192	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.36	98	191246	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.66	79	20901	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.14	63	126803	48.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47285	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	63499	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

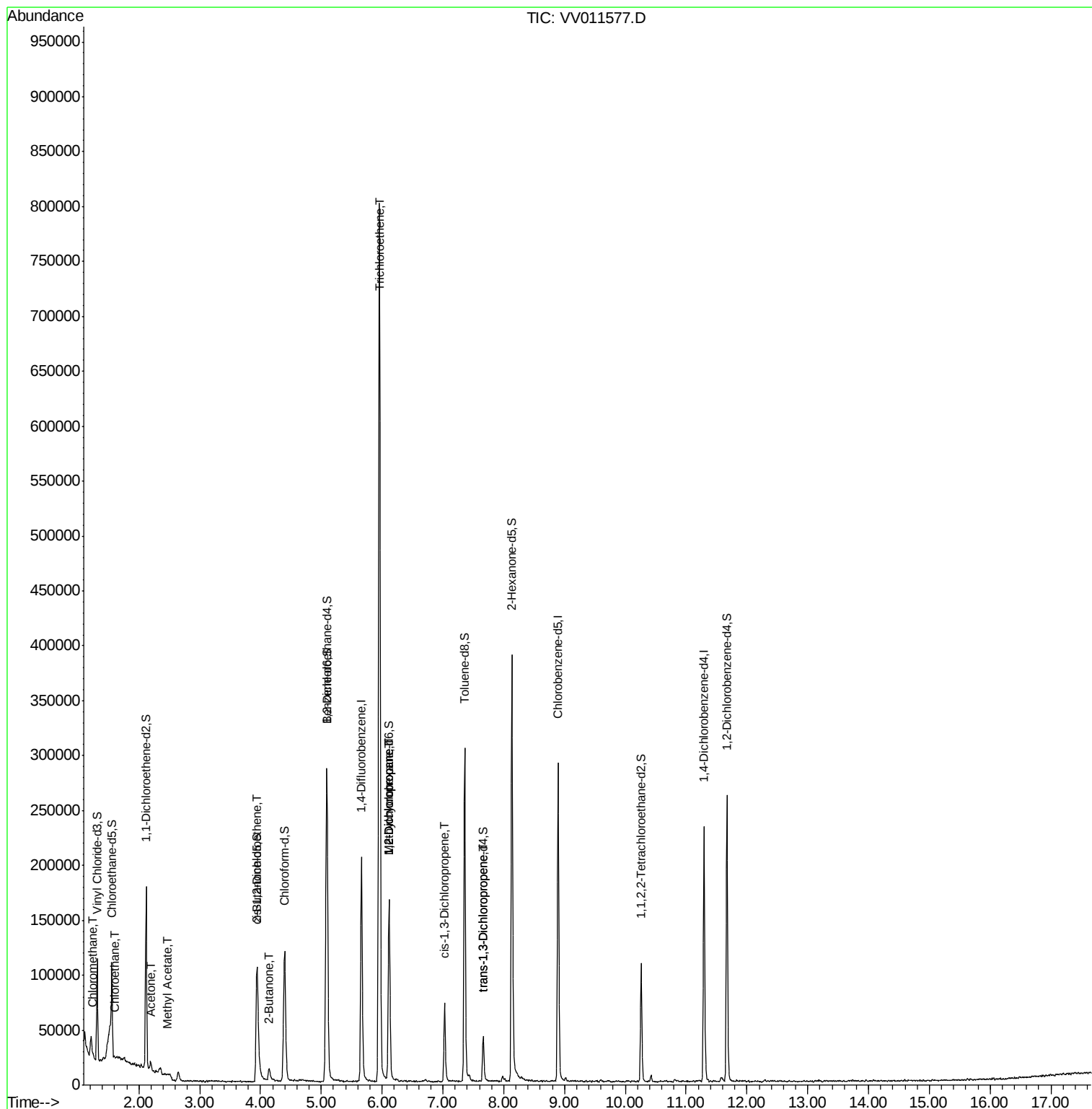
						Qvalue
3) Chloromethane	1.24	50	1736	0.111	ug/L	96
8) Chloroethane	1.61	64	683	0.091	ug/L #	60
13) Acetone	2.20	43	4363	1.886	ug/L	72
15) Methyl Acetate	2.46	43	910	0.148	ug/L #	56
21) 2-Butanone	4.14	43	16519	4.512	ug/L #	52
22) cis-1,2-Dichloroethene	3.96	96	4804	0.373	ug/L	89
34) Trichloroethene	5.96	95	269778	22.343	ug/L	99
35) Methylcyclohexane	6.12	83	18026	1.047	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8925	0.708	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1900	0.120	ug/L	84
44) trans-1,3-Dichloropropene	7.66	75	1377	0.113	ug/L #	64

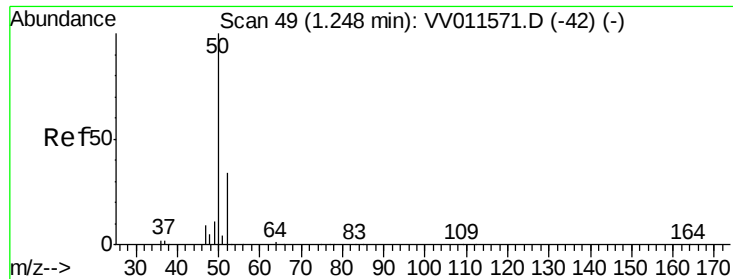
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.111 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV011577.D

Acq: 18 Jun 2019 15:59

Instrument :

MSVOA_V

ClientSampleId :

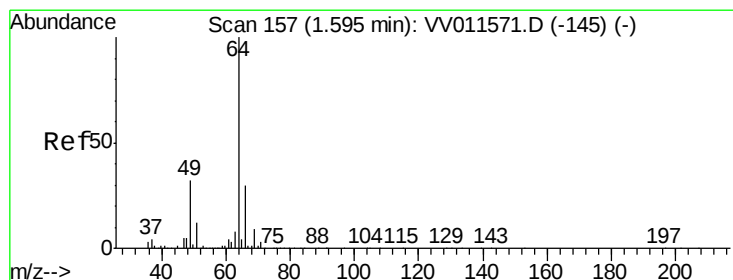
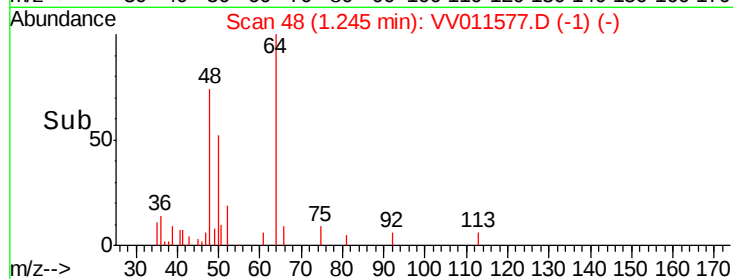
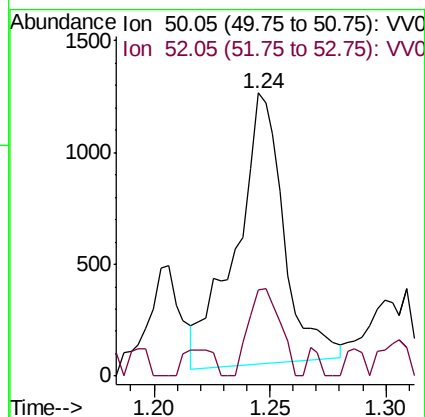
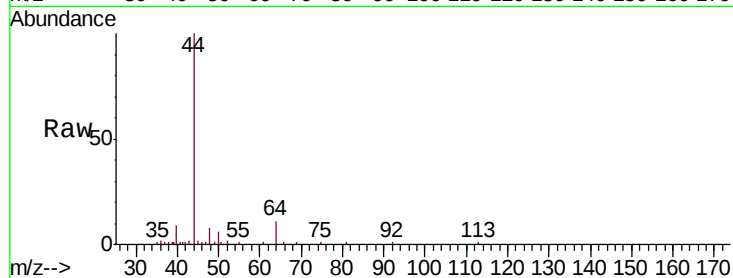
BFCL1

Tgt Ion: 50 Resp: 1736

Ion Ratio Lower Upper

50 100

52 30.3 22.7 42.1



#8

Chloroethane

Concen: 0.091 ug/L

RT: 1.61 min Scan# 161

Delta R.T. 0.01 min

Lab File: VV011577.D

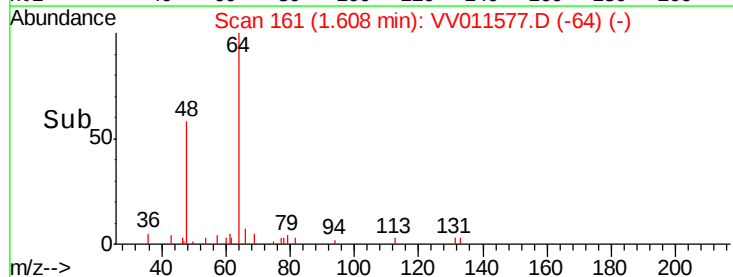
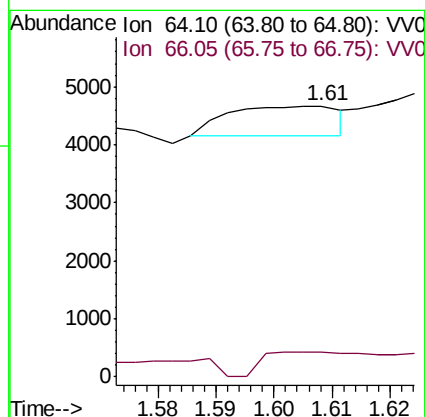
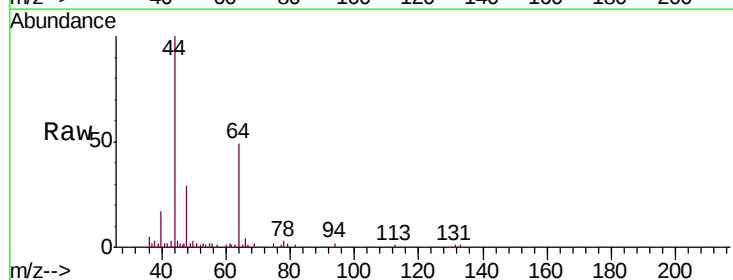
Acq: 18 Jun 2019 15:59

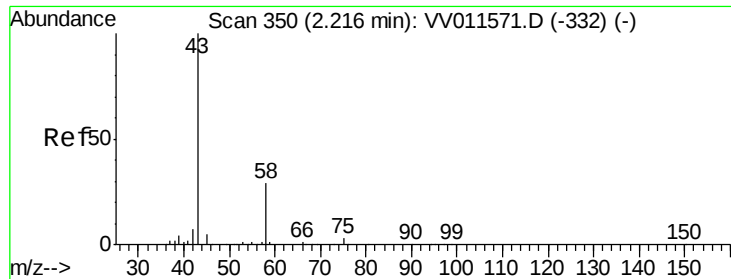
Tgt Ion: 64 Resp: 683

Ion Ratio Lower Upper

64 100

66 9.0 21.6 40.2#





#13

Acetone

Concen: 1.886 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.02 min

Lab File: VV011577.D

Acq: 18 Jun 2019 15:59

Instrument :

MSVOA_V

ClientSampled :

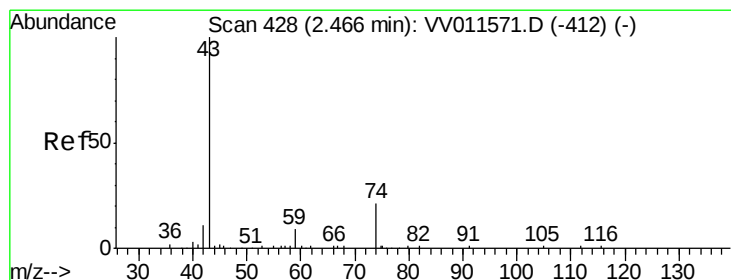
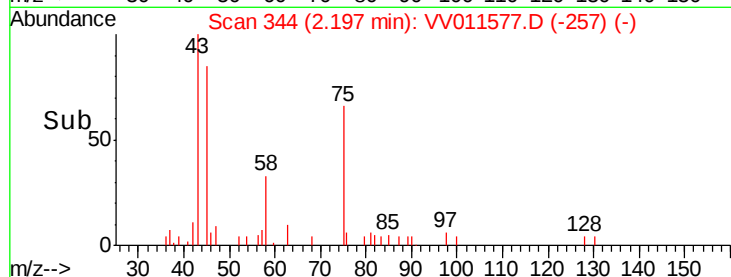
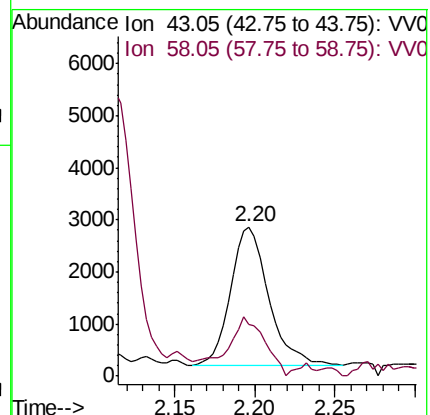
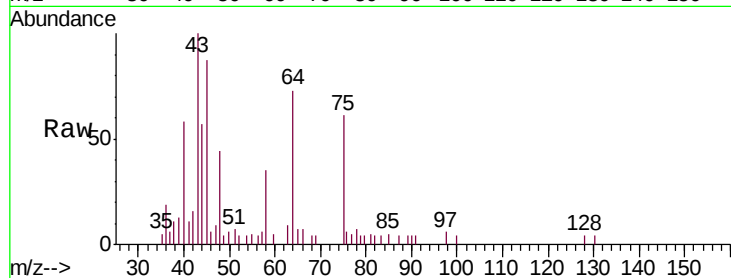
BFCL1

Tgt Ion: 43 Resp: 4363

Ion Ratio Lower Upper

43 100

58 43.7 0.0 57.8



#15

Methyl Acetate

Concen: 0.148 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.00 min

Lab File: VV011577.D

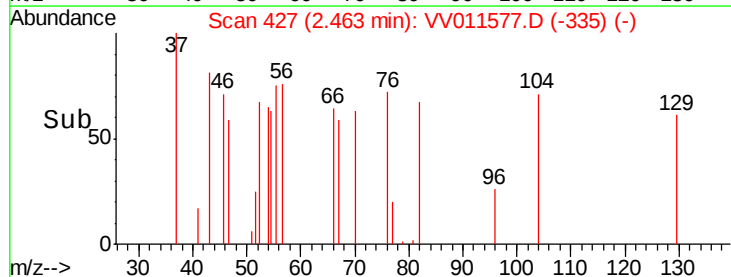
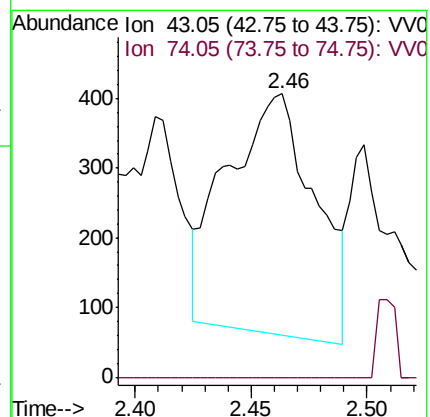
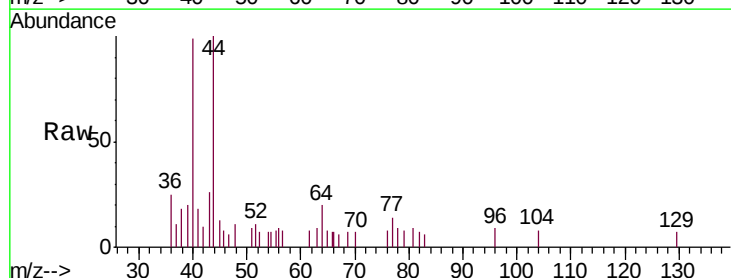
Acq: 18 Jun 2019 15:59

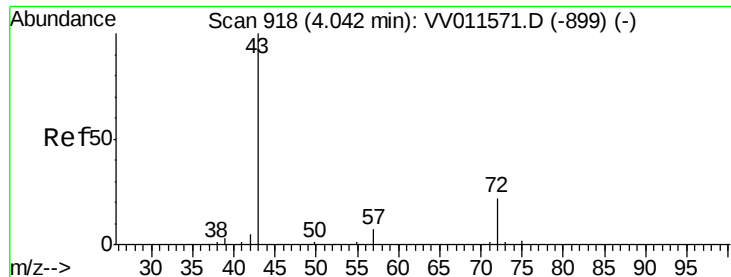
Tgt Ion: 43 Resp: 910

Ion Ratio Lower Upper

43 100

74 0.0 16.5 24.7#





#21

2-Butanone

Concen: 4.512 ug/L

RT: 4.14 min Scan# 949

Delta R.T. 0.10 min

Lab File: VV011577.D

Acq: 18 Jun 2019 15:59

Instrument :

MSVOA_V

ClientSampleId :

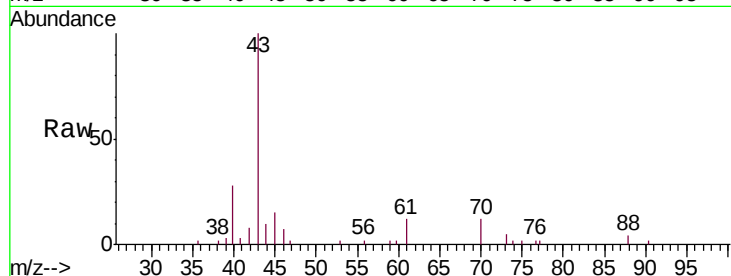
BFCL1

Tgt Ion: 43 Resp: 16519

Ion Ratio Lower Upper

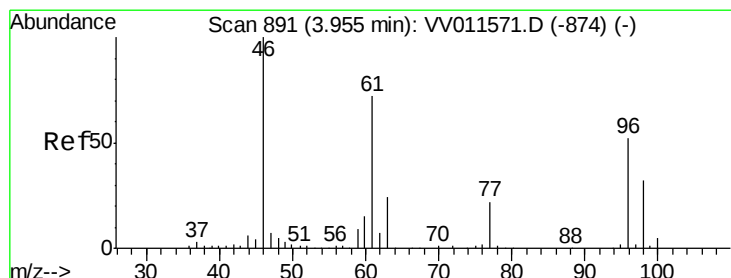
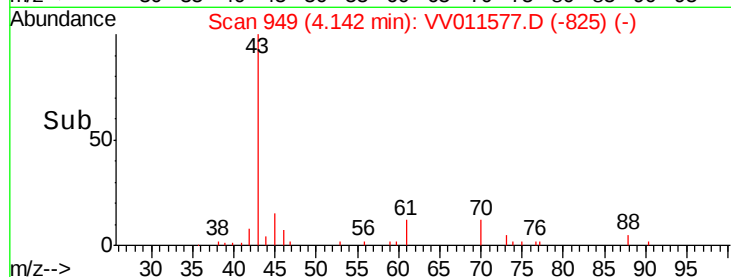
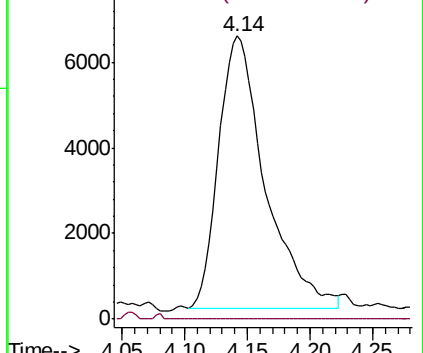
43 100

72 0.3 11.8 35.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.373 ug/L

RT: 3.96 min Scan# 891

Delta R.T. 0.00 min

Lab File: VV011577.D

Acq: 18 Jun 2019 15:59

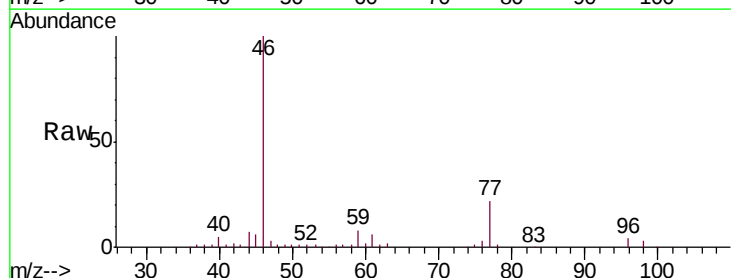
Tgt Ion: 96 Resp: 4804

Ion Ratio Lower Upper

96 100

61 132.5 102.2 189.8

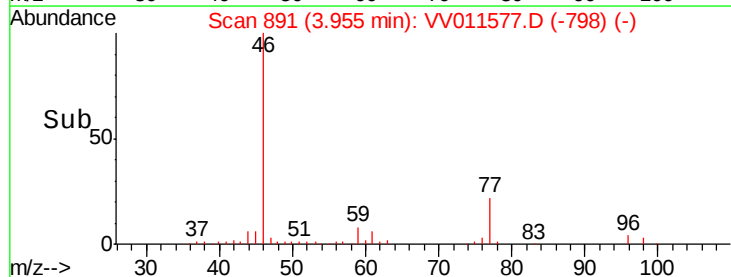
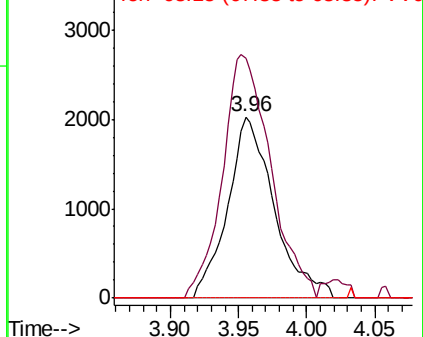
68 0.0 0.0 0.0

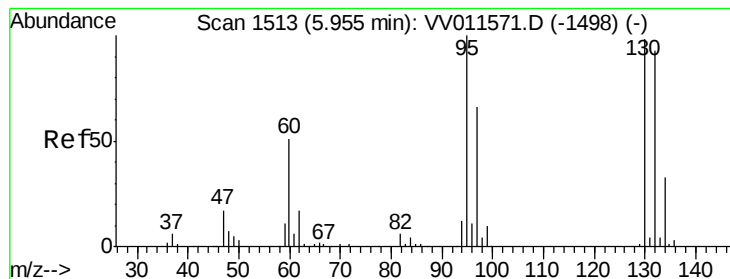


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 22.343 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011577.D

Acq: 18 Jun 2019 15:59

Instrument :

MSVOA_V

ClientSampleId :

BFCL1

Tgt Ion: 95 Resp: 269778

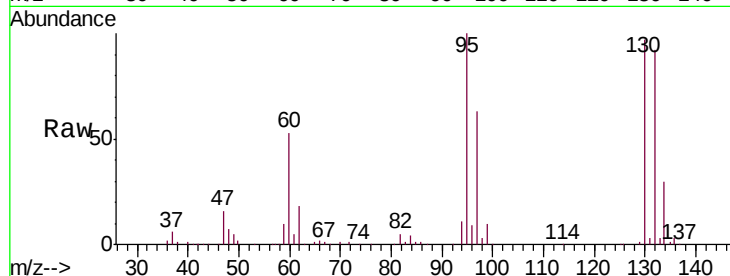
Ion Ratio Lower Upper

95 100

97 63.1 44.4 82.4

132 92.3 63.5 117.9

130 97.5 68.5 127.3

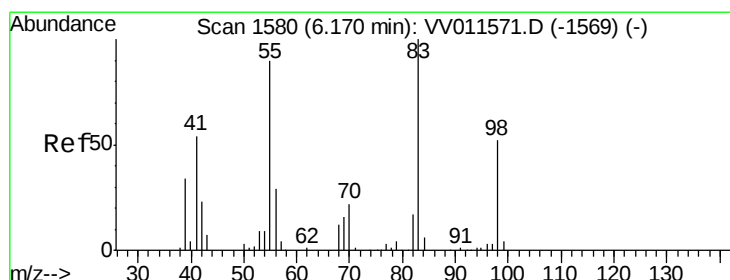
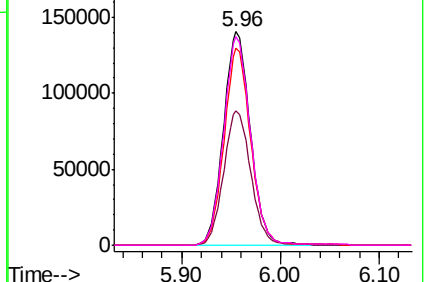
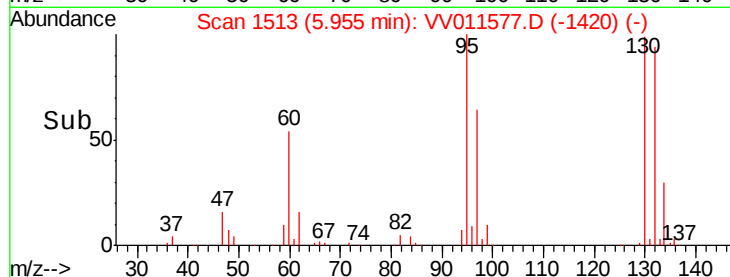


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 1.047 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011577.D

Acq: 18 Jun 2019 15:59

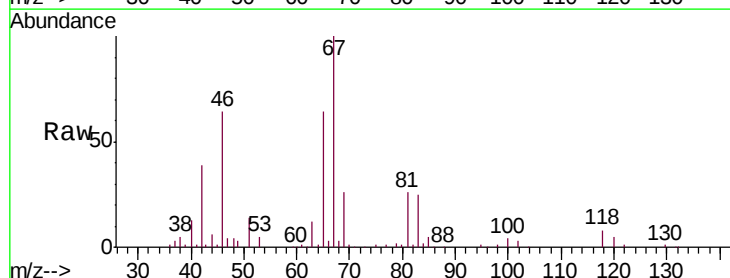
Tgt Ion: 83 Resp: 18026

Ion Ratio Lower Upper

83 100

55 0.5 67.9 101.9#

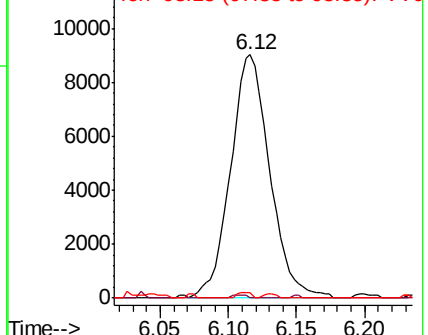
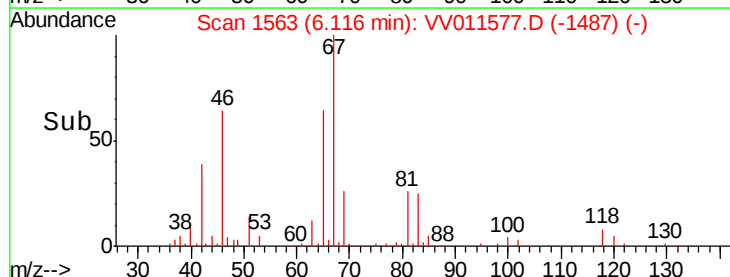
98 0.0 39.6 59.4#

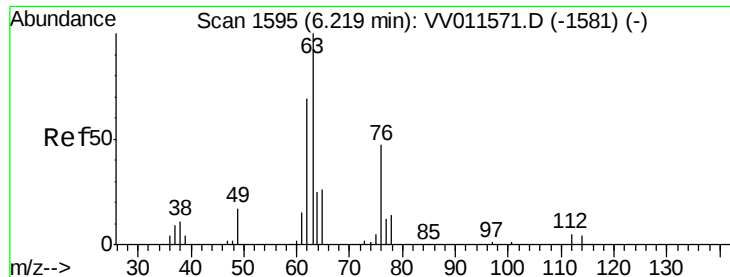


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

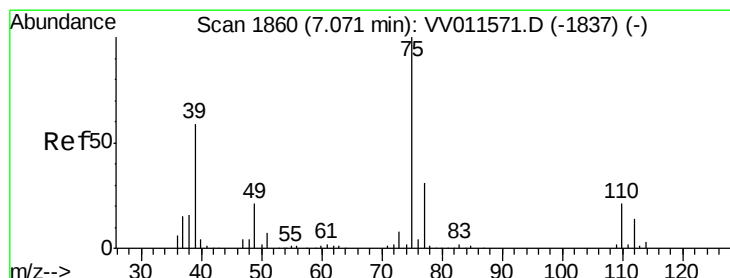
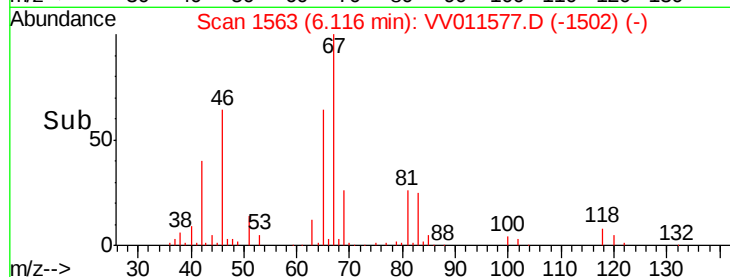
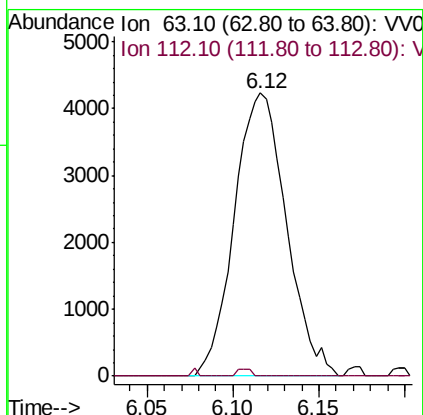
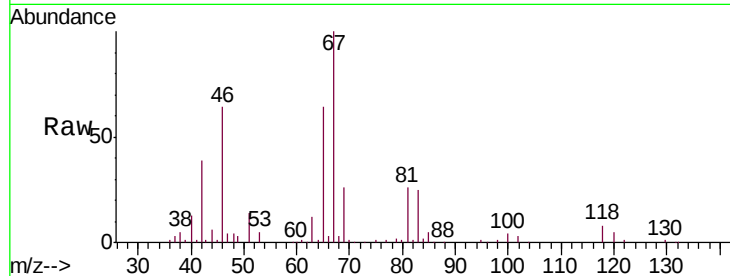




#37
 1,2-Dichloropropane
 Concen: 0.708 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011577.D
 Acq: 18 Jun 2019 15:59

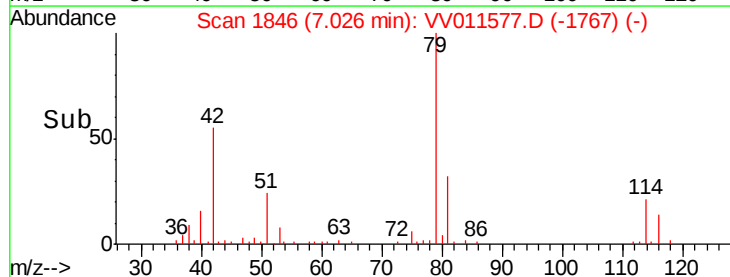
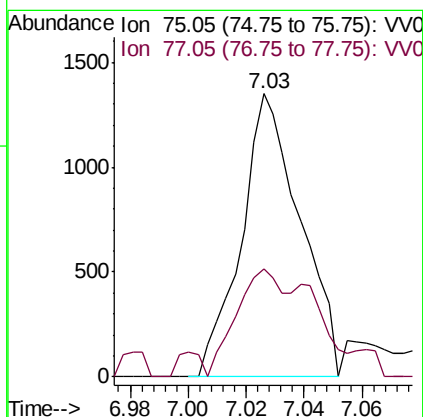
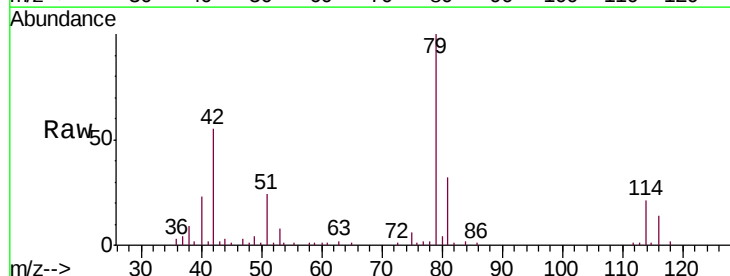
Instrument :
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 ClientSampleId :
 BFCL1

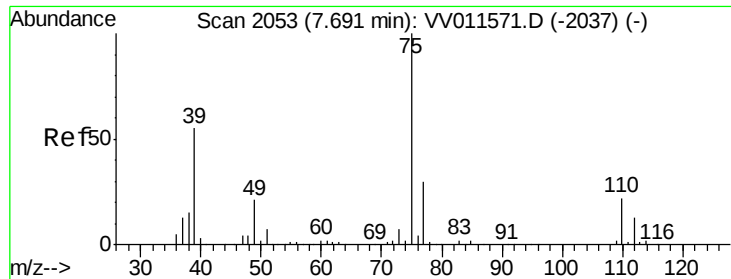
Tgt Ion: 63 Resp: 8925
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV011577.D
 Acq: 18 Jun 2019 15:59

Tgt Ion: 75 Resp: 1900
 Ion Ratio Lower Upper
 75 100
 77 38.0 20.6 38.4





#44

trans-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV011577.D

Acq: 18 Jun 2019 15:59

Instrument :
MSVOA_V
ClientSampleId :
BFCL1

Tgt Ion: 75 Resp: 1377

Ion Ratio Lower Upper

75 100

77 52.6 22.8 42.4#

